Discipline :**MECHANICALENGG**	Semester :**4TH**	Name of the Teaching Faculty: **AMIYA PRASAD DASH**
Subject- **MECHANICAL ENGG. LAB –II**	No. of days/per week class allotted: **06**	Semester From date :**14.02.2023** To Date: **23.05.2023** No. of Weeks: **15**
Week	Class Day	Theory / Practical Topics
1ST	1ST	Study of 2-S, 4-S petrol & diesel engine models
	2ND	Study of 2-S, 4-S petrol & diesel engine models
2ND	1ST	Study of 2-S, 4-S petrol & diesel engine models
	2ND	Determine the brake thermal efficiency of single cylinder petrol engine.
3RD	1ST	Determine the brake thermal efficiency of single cylinder petrol engine.
	2ND	Determine the brake thermal efficiency of single cylinder petrol engine.
4TH	1ST	Determine the brake thermal efficiency of single cylinder petrol engine.
	2ND	Determine the brake thermal efficiency of single cylinder petrol engine.
5TH	1ST	Determine the brake thermal efficiency of single cylinder diesel engine.
	2ND	Determine the brake thermal efficiency of single cylinder diesel engine.
6TH	1ST	Determine the brake thermal efficiency of single cylinder diesel engine.
	2ND	Determine the brake thermal efficiency of single cylinder diesel engine.
7TH	1ST	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test
	2ND	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test
8TH	1ST	Determine the B.H.P, I.H.P BSFC of a multi cylinder engine by Morse test
	2ND	Determine the mechanical efficiency of an air Compressor.
9TH	1ST	Determine the mechanical efficiency of an air Compressor.
	2ND	Determine the mechanical efficiency of an air Compressor.
10TH	1ST	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
	2ND	Study of pressure measuring devices (manometer, Bourdon tube pressure gauge)
11TH	1ST	Verification of Bernoulli's theorem
	2ND	Verification of Bernoulli's theorem
12TH	1ST	Determination of Cd from venturimeter
	2ND	Determination of Cd from venturimeter
13TH	1ST	Determination of Cc, Cv, Cd from orifice meter
	2ND	Determination of Cc, Cv, Cd from orifice meter
14TH	1ST	Determination of Cc, Cv, Cd from orifice meter

	2ND	Determine of Darcy's coefficient from flow through pipe
15TH	1ST	Determine of Darcy's coefficient from flow through pipe
	2ND	Determine of Darcy's coefficient from flow through pipe

SIGN OF DEMONSTRATOR

SIGN OF HOD